REPORT NO. 78-3-11

FOREST INSECT AND DISEASE MANAGEMENT UNIT
U.S. FOREST SERVICE
DORAVILLE, GEORGIA

REPORT OF AERIAL DETECTION SURVEY

LAND OWNERSHIP OR SURVEY AREA: Federal, State and Private

STATE: **Mississippi**

AREA WITHIN SURVEY BOUNDARY: 4,320,000 acres

PERCENT COVERAGE: 20%

DATE SURVEYED: May 31 and June 1, 1978

AIRCRAFT: Aero Commander

CREW: R. F. Bassett, P. A. Mistretta, R. Collins (Mississippi Forestry Commission)

REPORT PREPARED BY: P. A. Mistretta

SURVEY OBJECTIVES: To detect and plot the location of trees in northern Mississippi suspected of having oak wilt disease.

SURVEY RESULTS

Fifty nine dead or dying oaks were plotted during the flight. The number of suspected infections per county is shown on the next page.

CONCLUSIONS

This survey is to be followed by ground checks (weeks of June 5 and June 12). A biological evaluation of the current status of oak wilt in Mississippi will be prepared based on the results of the ground check.

For any additional information, Contact:

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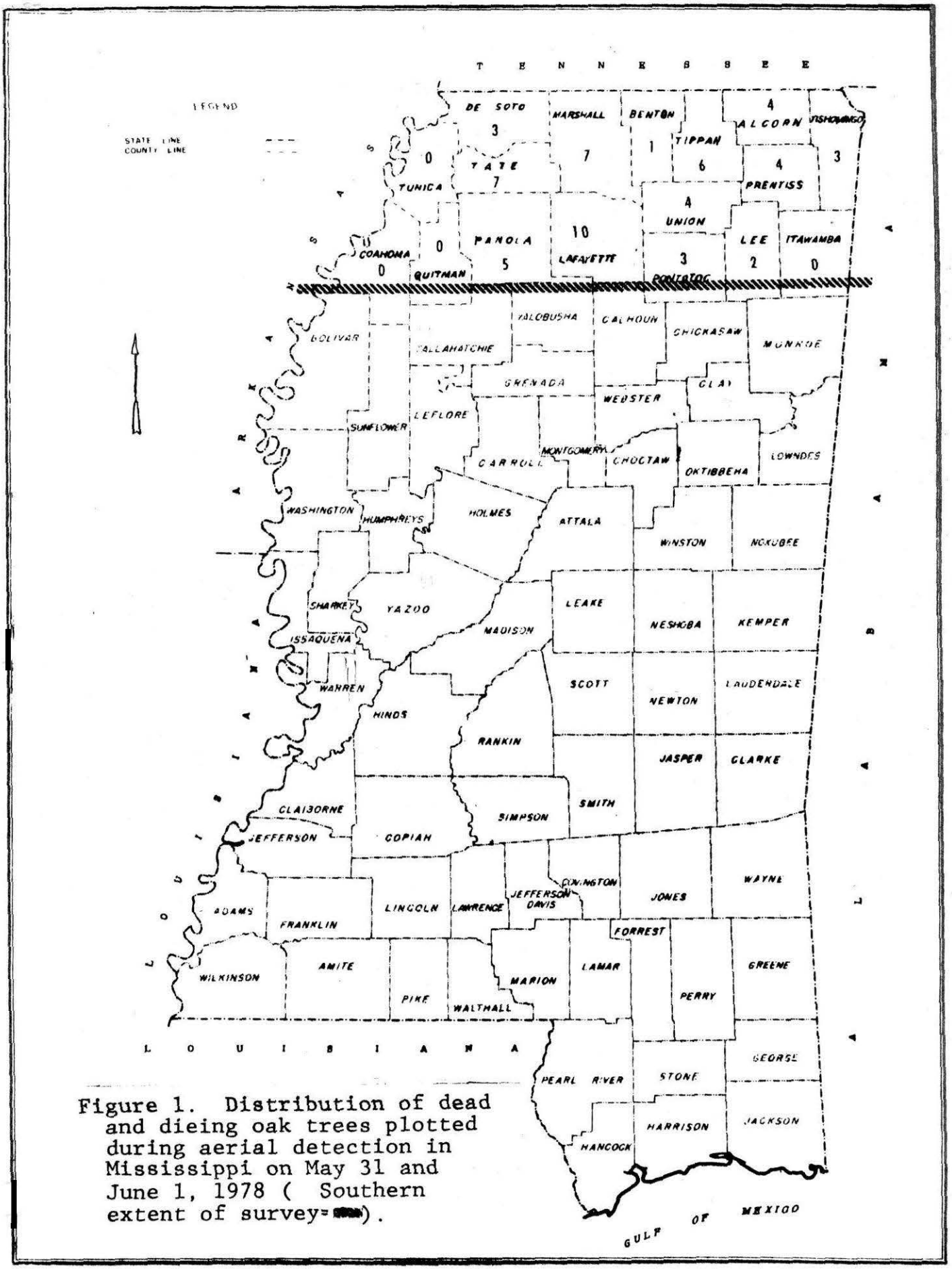

Figure 1. Distribution of dead and dieing oak trees plotted during aerial detection in Mississippi on May 31 and June 1, 1978 (Southern extent of survey= [redacted]).